Medical
Parker

CONTENTS

PART 1—JANUARY 1945

PAGE

The reinnervation of muscle by sensory nerve fibres. By E. GUTMANN 1

The vascular pattern of peripheral nerve during repair after experimental crush injury. By P. BACSICH and G. M. WYBURN 9

The efficiency of intramuscular anastomoses, with observations on the regeneration of devascularized muscle. By W. E. LE GROS CLARK and L. B. BLOMFIELD . . 15

The meningeal relations of the human hypophysis cerebri. By S. SUNDERLAND . . 33

Post-natal growth-changes in the cardiac ventricles of the albino rat. By J. A. KEEN . 38

Atrial arteries in a human heart. By W. C. OSMAN HILL 41

PART 2—APRIL 1945

Dissection of the atrio-ventricular node and bundle in the human heart. By E. W. WALLS 45

Regeneration of fibre diameter after cross-unions of visceral and somatic nerves. By S. A. SIMPSON and J. Z. YOUNG 48

The cell content of synovial fluid. By D. V. DAVIES 66

The effect of interference with the blood supply on the regeneration of peripheral nerves. By P. BACSICH and G. M. WYBURN 74

Some data on the effect of parathormone on the grey-lethal mouse. By N. A. BARNICOT 83

A simple method of vascular injection and its application in preparing brain sections. By O. E. NICHTERLEIN 92

IN MEMORIAM: DUNCAN MACCALLUM BLAIR 94

PART 3—JULY 1945

The arteries and veins of the lungs. I. Right upper lobe. By A. B. APPLETON . . 97

The echidna-pterygoid. By H. LEIGHTON KESTEVEN 121

Note on the palaeontology of the lemuroid brain. By W. E. LE GROS CLARK . . 123

Cleavage stages of the ova of the horse, with notes on ovulation. By W. J. HAMILTON and F. T. DAY 127

The two main diameters at the brim of the female pelvis. By C. NICHOLSON . . 131

PART 4—OCTOBER 1945

PAGE

Some observations on the subendothelial cushions of the umbilical arteries. By IAN W. MONIE 137

Some features of the spinal nervous system of the foetal whale (*Megaptera nodosa*). By G. J. ROMANES 145

A second study of the behaviour and fate of skin homografts in rabbits. (A Report to the War Wounds Committee of the Medical Research Council.) By P. B. MEDAWAR . 157

Parthenogenesis of atretic ova in the rodent ovary. By P. BACSICH and G. M. WYBURN 177

Boutons terminaux in the cerebral cortex. By A. MEYER and M. MEYER . . . 180

INDEX 187